

FILE 'REGISTRY' ENTERED AT 13:47:19 ON 17 MAY 2005

L1 1 SEA ABB=ON PLU=ON 7440-32-6
D
L2 1 SEA ABB=ON PLU=ON 7429-90-5
D
E TITANIUM ALUMINIDE/CN
L3 1 SEA ABB=ON PLU=ON "TITANIUM ALUMINIDE"/CN
D
L4 1 SEA ABB=ON PLU=ON "TITANIUM ALUMINIDE (TI3AL)"/CN
D
L5 1 SEA ABB=ON PLU=ON "TITANIUM ALUMINIDE (TIAL)"/CN
D
L6 1 SEA ABB=ON PLU=ON "TITANIUM ALUMINIDE (TIAL3)"/CN
D
E ALUMINUM SILICIDE/CN
L7 1 SEA ABB=ON PLU=ON "ALUMINUM SILICIDE"/CN
D

FILE 'CAPLUS' ENTERED AT 13:56:43 ON 17 MAY 2005

L8 18349 SEA ABB=ON PLU=ON ((SPRAY? (5A) (?THERMAL? OR ?PLASMA? OR
?FLAME?)) (5A) (APPL? OR COAT?))
L9 4780 SEA ABB=ON PLU=ON L8 AND CERAMIC?
L10 799 SEA ABB=ON PLU=ON L9 AND (TBC OR (THERMAL BARRIER?))
L11 2 SEA ABB=ON PLU=ON L10 AND ((ALUMINUM SILICIDE?) OR (TITANIUM
ALUMINIDE?))
D 1-2 ALL RN

FILE 'STNGUIDE' ENTERED AT 14:02:16 ON 17 MAY 2005

L12 0 SEA ABB=ON PLU=ON L10 AND (INTERMET? OR INTER-MET?)

FILE 'CAPLUS' ENTERED AT 14:07:36 ON 17 MAY 2005

L13 12 SEA ABB=ON PLU=ON L10 AND (INTERMET? OR INTER-MET?)
L14 11 SEA ABB=ON PLU=ON L13 NOT L11
D 1-11 ALL RN

FILE 'USPATFULL, USPAT2' ENTERED AT 14:09:35 ON 17 MAY 2005

L15 86509 SEA ABB=ON PLU=ON 427/NCL OR 148/NCL
L16 5473 SEA ABB=ON PLU=ON 427/NCL OR 148/NCL
TOTAL FOR ALL FILES
L17 91982 SEA ABB=ON PLU=ON 427/NCL OR 148/NCL
L18 3 SEA ABB=ON PLU=ON L15 AND L11
L19 0 SEA ABB=ON PLU=ON L16 AND L11
TOTAL FOR ALL FILES
L20 3 SEA ABB=ON PLU=ON L17 AND L11
D 1-3 BIB AB IND
L21 147 SEA ABB=ON PLU=ON L10 AND (INTERMET? OR INTER-MET?)
L22 25 SEA ABB=ON PLU=ON L10 AND (INTERMET? OR INTER-MET?)
TOTAL FOR ALL FILES
L23 172 SEA ABB=ON PLU=ON L13
L24 67 SEA ABB=ON PLU=ON L21 AND L15
L25 10 SEA ABB=ON PLU=ON L22 AND L16
TOTAL FOR ALL FILES
L26 77 SEA ABB=ON PLU=ON L23 AND L17
L27 77 FOCUS L26 1-
D 1-20 BIB AB IND

FILE 'CAPLUS' ENTERED AT 14:20:00 ON 17 MAY 2005

L28 0 SEA ABB=ON PLU=ON L10 AND TRANSITION?
L29 36 SEA ABB=ON PLU=ON L10 AND TRANSITION?
L30 36 SEA ABB=ON PLU=ON L29 NOT (L11 OR L14)
L31 36 FOCUS L30 1-
D 1-36 ALL RN

FILE 'USPATFULL, USPAT2' ENTERED AT 14:34:58 ON 17 MAY 2005

L32 894 SEA ABB=ON PLU=ON 427/446000/NCL OR 427/452000/NCL OR
427/453000/NCL OR 427/532000-559000/CNL

L33 101 SEA ABB=ON PLU=ON 427/446000/NCL OR 427/452000/NCL OR
427/453000/NCL OR 427/532000-559000/CNL

TOTAL FOR ALL FILES

L34 995 SEA ABB=ON PLU=ON 427/446000/NCL OR 427/452000/NCL OR
427/453000/NCL OR 427/532000-559000/CNL

L35 4875 SEA ABB=ON PLU=ON 427/446000/NCL OR 427/452000/NCL OR
427/453000/NCL OR 427/532000-559000/NCL

L36 458 SEA ABB=ON PLU=ON 427/446000/NCL OR 427/452000/NCL OR
427/453000/NCL OR 427/532000-559000/NCL

TOTAL FOR ALL FILES

L37 5333 SEA ABB=ON PLU=ON 427/446000/NCL OR 427/452000/NCL OR
427/453000/NCL OR 427/532000-559000/NCL

L38 649 SEA ABB=ON PLU=ON L35 AND L8

L39 70 SEA ABB=ON PLU=ON L36 AND L8

TOTAL FOR ALL FILES

L40 719 SEA ABB=ON PLU=ON L37 AND L8

L41 476 SEA ABB=ON PLU=ON L38 AND CERAMIC?

L42 55 SEA ABB=ON PLU=ON L39 AND CERAMIC?

TOTAL FOR ALL FILES

L43 531 SEA ABB=ON PLU=ON L40 AND CERAMIC?

L44 185 SEA ABB=ON PLU=ON L41 AND (TRANSITION? OR INTERMET? OR
INTER-MET? OR ALUMINIDE? OR SILICIDE?)

L45 21 SEA ABB=ON PLU=ON L42 AND (TRANSITION? OR INTERMET? OR
INTER-MET? OR ALUMINIDE? OR SILICIDE?)

TOTAL FOR ALL FILES

L46 206 SEA ABB=ON PLU=ON L43 AND (TRANSITION? OR INTERMET? OR
INTER-MET? OR ALUMINIDE? OR SILICIDE?)

L47 141 SEA ABB=ON PLU=ON L41 AND L10

L48 21 SEA ABB=ON PLU=ON L42 AND L10

TOTAL FOR ALL FILES

L49 162 SEA ABB=ON PLU=ON L43 AND L10

L50 34 SEA ABB=ON PLU=ON L47 AND TRANSITION?

L51 9 SEA ABB=ON PLU=ON L48 AND TRANSITION?

TOTAL FOR ALL FILES

L52 43 SEA ABB=ON PLU=ON L49 AND TRANSITION?

L53 50 SEA ABB=ON PLU=ON L47 AND (ALUMINIDE? OR SILICIDE?)

L54 7 SEA ABB=ON PLU=ON L48 AND (ALUMINIDE? OR SILICIDE?)

TOTAL FOR ALL FILES

L55 57 SEA ABB=ON PLU=ON L49 AND (ALUMINIDE? OR SILICIDE?)

L56 19 SEA ABB=ON PLU=ON L47 AND (INTERMET? OR INTER-MET?)

L57 1 SEA ABB=ON PLU=ON L48 AND (INTERMET? OR INTER-MET?)

TOTAL FOR ALL FILES

L58 20 SEA ABB=ON PLU=ON L49 AND (INTERMET? OR INTER-MET?)

L59 20 FOCUS L58 1-
D 1-20 BIB AB

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 66770-31-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Aluminum, compd. with titanium (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Titanium, compd. with aluminum
 OTHER NAMES:
 CN **Titanium aluminide**
 MF Al . Ti .
 CI TIS
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Component	Ratio	Component Registry Number
Ti	x	7440-32-6
Al	x	7429-90-5

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

142 REFERENCES IN FILE CA (1907 TO DATE)
 142 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 12003-98-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Aluminum, compd. with titanium (1:3) (6CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Titanium, compd. with aluminum (3:1) (8CI)
 OTHER NAMES:
 CN Aluminum compound with titanium (1:3)
 CN Aluminum titanium (AlTi3)
 CN **Titanium aluminide (Ti3Al)**
 DR 39401-58-6, 39401-69-9
 MF Al . Ti
 AF Al Ti3
 CI TIS
 LC STN Files: CA, CAOLD, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Component	Ratio	Component Registry Number
Ti	3	7440-32-6
Al	1	7429-90-5

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1517 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1518 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 31 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 12003-96-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Aluminum, compd. with titanium (1:1) (8CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN AlTi (6CI)
 CN Titanium, compd. with aluminum (1:1) (8CI)
 OTHER NAMES:
 CN **Titanium aluminide (TiAl)**
 DR 64237-87-2
 MF Al . Ti
 AF Al Ti
 CI TIS
 LC STN Files: CA, CAOLD, CAPLUS, CHEMCATS, CSCHM, IFICDB, IFIPAT, IFIUDB,
 TOXCENTER, USPAT2, USPATFULL, VTB

Component	Ratio	Component Registry Number
Ti	1	7440-32-6
Al	1	7429-90-5

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3287 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3293 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 31 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 12004-78-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Aluminum, compd. with titanium (3:1) (6CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Titanium, compd. with aluminum (1:3) (8CI)
 OTHER NAMES:
 CN Aluminum titanium (Al₃Ti)
 CN Aluminum titanium compd. (3:1)
 CN **Titanium aluminide (TiAl₃)**
 DR 12635-69-7
 MF Al . Ti
 AF Al₃ Ti
 CI TIS
 LC STN Files: ANABSTR, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM,
 IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Component	Ratio	Component Registry Number
Ti	1	7440-32-6
Al	3	7429-90-5

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1783 REFERENCES IN FILE CA (1907 TO DATE)
 11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1787 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 44 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 106698-75-3 REGISTRY
ED Entered STN: 21 Feb 1987
CN Aluminum silicide (9CI) (CA INDEX NAME)
MF Al . Si
CI TIS
SR CA
LC STN Files: CA, CAPLUS, CHEMCATS, PROMT, TOXCENTER, USPAT2, USPATFULL

Component	Ratio	Component Registry Number
Si	x	7440-21-3
Al	x	7429-90-5

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

132 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
132 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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